

CLAIMS

What is claimed is:

- 1 1. A method for operating a data processing system, said method comprising:
2 inserting a writeable media into a drive system which is coupled to said data
3 processing system;
4 instructing said data processing system (DPS) to write or erase first data on
5 said writeable media;
6 instructing said DPS to eject said writeable media from said drive system,
7 wherein upon said instructing said DPS to eject, said DPS writes or
8 erases said first data on said writeable media.
- 1 2. A method as in claim 1 wherein said writeable media is an optical disk.
- 1 3. A method as in claim 2 wherein said optical disk is a CD-R disk or CD-RW
2 disk or a DVD disk.
- 1 4. A method as in claim 2 wherein said writeable media is blank when said
2 inserting is performed.
- 1 5. A method as in claim 2 further comprising:
2 displaying automatically, in response to said inserting and on a display device
3 coupled to said DPS, a prompt to a user with at least two selectable

4 options which allow a user to: (1) eject said writeable media or (2) use
5 said writeable media.

1 6. A method as in claim 2 further comprising:
2 displaying automatically, in response to said inserting and on a display device
3 coupled to said DPS, an icon of said writeable media, wherein said
4 icon is displayed on a desktop interface of said DPS.

1 7. A method as in claim 6 wherein said icon may be directly used through a
2 graphical user interface to write data onto said writeable media.

1 8. A method as in claim 5 further comprising if the use option was selected:
2 displaying automatically, in response to said inserting and on a display device
3 coupled to said DPS, an icon of said writeable media, wherein said
4 icon is displayed on a desktop interface of said DPS.

1 9. A method as in claim 5 wherein if the use selectable option is selected, said
2 method further comprising:
3 creating automatically, in response to the use selectable option being selected,
4 a data file on a storage device which is coupled to said DPS prior to
5 writing data to said writeable media.

1 10. A method as in claim 9 wherein said data file represents an entire capacity of
2 said writeable media.

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1 11. A method as in claim 10 wherein said data file represents a data cache for said
2 writeable media.

1 12. A method as in claim 7 wherein said icon is directly used by a method which
2 includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)
3 copying and pasting said at least one icon onto said icon.

1 13. A method as in claim 6 wherein said desktop interface comprises a plurality of
2 icons for a corresponding plurality of storage devices coupled to said DPS and a
3 plurality of icons representing data files and subdirectories.

1 14. A method for operating a data processing system, said method comprising:
2 inserting a blank writeable media into a drive system which is coupled to said
3 data processing system (DPS);
4 displaying automatically, in response to said inserting and on a display device
5 coupled to said DPS, a prompt to a user with at least three selectable
6 options which allow said user to: (1) eject said blank once writeable
7 media from said drive system or (2) use said blank once writeable
8 media in said drive system or (3) launch an audio CD creation
9 program.

1 15. A method as in claim 14 wherein if said user selects to use said blank writeable
2 media, said method further comprises:

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1 20. A method as in claim 19 wherein said data file represents a data cache for
2 copying data from said data file to said blank writeable media when said blank
3 writeable media is written to.

1 21. A method as in claim 20 wherein said blank writeable media is a CD-R disk or
2 a CD-RW disk or a DVD disk.

1 22. A method as in claim 19 further comprising:
2 displaying automatically, in response to said inserting and on a display device
3 coupled to said DPS, a prompt to a user with at least two selectable
4 options which allow said user to (1) eject said blank writeable media
5 from said drive system or (2) use said blank writeable media in said
6 drive system.

1 23. A method as in claim 22 wherein said creating follows after said user selects to
2 use said blank writeable media.

1 24. A method as in claim 18 wherein said storage device is a boot drive for said
2 DPS and contains an operating system for said DPS.

1 25. A machine readable medium which stores executable computer program
2 instructions which when executed by a data processing system cause said data
3 processing system to perform a method, said method comprising:
4 inserting a writeable media into a drive system which is coupled to said data
5 processing system;
6 instructing said data processing system (DPS) to write or erase first data on
7 said writeable media;

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8 instructing said DPS to eject said writeable media from said drive system,
9 wherein upon said instructing said DPS to eject, said DPS writes or
10 erases said first data on said writeable media.

1 26. A machine readable medium as in claim 25 wherein said writeable media is an
2 optical disk.

1 27. A machine readable medium as in claim 26 wherein said optical disk is a CD-R
2 disk or CD-RW disk or a DVD disk.

1 28. A machine readable medium as in claim 26 wherein said writeable media is
2 blank when said inserting is performed.

1 29. A machine readable medium as in claim 26 wherein said method further
2 comprises:
3 displaying automatically, in response to said inserting and on a display device
4 coupled to said DPS, a prompt to a user with at least two selectable
5 options which allow a user to: (1) eject said writeable media or (2) use
6 said writeable media.

1 30. A machine readable medium as in claim 26 wherein said method further
2 comprises:
3 displaying automatically, in response to said inserting and on a display device
4 coupled to said DPS, an icon of said writeable media, wherein said
5 icon is displayed on a desktop interface of said DPS.

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1 31. A machine readable medium as in claim 30 wherein said icon may be directly
2 used through a graphical user interface to write data onto said writeable media.

1 32. A machine readable medium as in claim 29 wherein said method further
2 comprises if the use option was selected:

3 displaying automatically, in response to said inserting and on a display device
4 coupled to said DPS, an icon of said writeable media, wherein said
5 icon is displayed on a desktop interface of said DPS.

1 33. A method as in claim 29 wherein if the use option is selected, said method
2 further comprising:

3 creating automatically, in response to the use option being selected, a data file
4 on a storage device which is coupled to said DPS prior to writing data
5 to said writeable media.

1 34. A machine readable medium as in claim 33 wherein said data file represents an
2 entire capacity of said writeable media.

1 35. A machine readable medium as in claim 34 wherein said data file represents a
2 data cache for said writeable media.

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1 36. A machine readable medium as in claim 31 wherein said icon is directly used
2 by a method which includes one of (a) dragging and dropping of at least one icon onto
3 said icon, or (b) copying and pasting said at least one icon onto said icon.

1 37. A machine readable medium as in claim 30 wherein said desktop interface
2 comprises a plurality of icons for a corresponding plurality of storage devices coupled
3 to said DPS and a plurality of icons representing data files and subdirectories.

1 38. A machine readable medium which stores executable computer program
2 instructions which when executed on a data processing system cause said data
3 processing system to perform a method, said method comprising:
4 inserting a blank writeable media into a drive system which is coupled to said
5 data processing system (DPS);
6 displaying automatically, in response to said inserting and on a display device
7 coupled to said DPS, a prompt to a user with at least three selectable
8 options which allow said user to: (1) eject said blank once writeable
9 media from said drive system or (2) use said blank once writeable
10 media in said drive system or (3) launch an audio CD creation
11 program.

1 39. A machine readable medium as in claim 38 wherein if said user selects to use
2 said blank writeable media, said method further comprises:

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3 displaying automatically, in response to said user selecting to use said blank
4 writeable media, an icon representing said blank writeable media on
5 said display device.

1 40. A machine readable medium as in claim 39 wherein said icon is displayed on a
2 desktop interface of said DPS and wherein said icon may be directly used to write data
3 onto said blank writeable media.

1 41. A machine readable medium as in claim 39 wherein said icon is displayed
2 before formatting of said blank writeable media.

1 42. A machine readable medium which stores executable computer program
2 instructions which when executed by a data processing system cause said system to
3 perform a method, said method comprising:
4 inserting a blank writeable media into a drive system which is coupled to said
5 data processing system (DPS);
6 creating automatically, in response to said inserting, a data file on a storage
7 device which is coupled to said DPS prior to writing data to said blank
8 writeable media.

1 43. A machine readable medium as in claim 42 wherein said data file represents an
2 entire storage capacity of said blank writeable media.

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1 44. A machine readable medium as in claim 43 wherein said data file represents a
2 data cache for copying data from said data file to said blank writeable media when said
3 blank writeable media is written to.

1 45. A machine readable medium as in claim 44 wherein said blank writeable media
2 is a CD-R disk or a CD-RW disk or a DVD disk.

1 46. A machine readable medium as in claim 43 wherein said method further
2 comprises:
3 displaying automatically, in response to said inserting and on a display device
4 coupled to said DPS, a prompt to a user with at least two selectable
5 options which allow said user to (1) eject said blank writeable media
6 from said drive system or (2) use said blank writeable media in said
7 drive system.

1 47. A machine readable medium as in claim 46 wherein said creating follows after
2 said user selects to use said blank writeable media.

1 48. A machine readable medium as in claim 42 wherein said storage device is a
2 boot drive for said DPS and contains an operating system for said DPS.

1 49. A data processing system comprising:
2 means for inserting a writeable media into a drive system which is coupled to
3 said data processing system;

6 means for instructing said DPS to eject said writeable media from said drive
7 system, wherein upon said instructing said DPS to eject, said DPS
8 writes or erases said first data on said writeable media.

1 52. A DPS as in claim 50 wherein said writeable media is blank when said
2 inserting is performed.

1 54. A DPS as in claim 50 further comprising:
2 means for displaying automatically, in response to said inserting and on a
3 display device coupled to said DPS, an icon of said writeable media,
4 wherein said icon is displayed on a desktop interface of said DPS.

1 60. A DPS as in claim 55 wherein said icon is directly used by a method which
2 includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)
3 copying and pasting said at least one icon onto said icon.

62. A data processing system comprising:
means for inserting a blank writeable media into a drive system which is
coupled to said data processing system (DPS);
means for displaying automatically, in response to said inserting and on a
display device coupled to said DPS, a prompt to a user with at least
three selectable options which allow said user to: (1) eject said blank
once writeable media from said drive system or (2) use said blank once
writeable media in said drive system or (3) launch an audio CD
creation program.

1 63. A DPS as in claim 62 wherein if said user selects to use said blank writeable
2 media, said method further comprises:
3 means for displaying automatically, in response to said user selecting to use
4 said blank writeable media, an icon representing said blank writeable
5 media on said display device.

64. A DPS as in claim 63 wherein said icon is displayed on a desktop interface of
said DPS and wherein said icon may be directly used to write data onto said blank
writeable media.

1 65. A DPS as in claim 63 wherein said icon is displayed before formatting of said
2 blank writeable media.

1 66. A data processing system comprising:
2 means for inserting a blank writeable media into a drive system which is
3 coupled to said data processing system (DPS);
4 means for creating automatically, in response to said inserting, a data file on a
5 storage device which is coupled to said DPS prior to writing data to
6 said blank writeable media.

1 67. A DPS as in claim 66 wherein said data file represents an entire storage
2 capacity of said blank writeable media.

1 68. A DPS as in claim 67 wherein said data file represents a data cache for copying
2 data from said data file to said blank writeable media when said blank writeable media
3 is written to.

1 69. A DPS as in claim 68 wherein said blank writeable media is a CD-R disk or a
2 CD-RW disk or a DVD disk.

1 70. A DPS as in claim 67 further comprising:
2 means for displaying automatically, in response to said inserting and on a
3 display device coupled to said DPS, a prompt to a user with at least
4 two selectable options which allow said user to (1) eject said blank

5 writeable media from said drive system or (2) use said blank writeable
6 media in said drive system.

1 71. A DPS as in claim 70 wherein said creating follows after said user selects to
2 use said blank writeable media.

1 72. A DPS as in claim 66 wherein said storage device is a boot drive for said DPS
2 and contains an operating system for said DPS.

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